



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
(Case No. 04-218 (400/148))

In the Application of:

McSwiggen et al.

Serial No.: 10/800,487

Filing Date: March 15, 2004

For: RNA Interference Mediated Inhibition of
Intercellular Adhesion Molecule (ICAM)
Gene Expression Using Short Interfering
Nucleic Acid (siNA)

Examiner: WOLLENBERGER, Louis V.

Group Art Unit: 1645

Confirmation No.: 9362

Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Sir:

TRANSMITTAL LETTER

In regard to the above identified application:

1. We are transmitting herewith the attached papers for the above identified new patent application:

- ☒ Supplemental Information Disclosure Statement;
- ☒ Supplemental Information Disclosure Statement (IDS) PCT/SB/08A Form;
- ☒ Copies of IDS Citations for S/N 10/800/487 (Total 6 other documents); and
- ☒ Return Receipt Postcard.

2. With respect to additional fees, a check in the amount of \$180.00 is enclosed.

3. GENERAL AUTHORIZATION: Please charge any additional fees or credit overpayment to Deposit Account No. 13-2490. A duplicate copy of this sheet is enclosed.

4. CERTIFICATE OF MAILING UNDER 37 CFR § 1.8: The undersigned hereby certifies that this Transmittal Letter and the paper, as described in paragraph 1 hereinabove, are being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, PO Box 1450, Alexandria, Virginia 22313-1450 on 7/24 2006

By :

Lisa M.W. Hillman, Ph.D.

Reg. No. 43,673

McDONNELL BOEHNEN HULBERT & BERGHOFF LLP
300 SOUTH WACKER DRIVE
CHICAGO, ILLINOIS 60606
TELEPHONE (312) 913-0001
FACSIMILE: (312) 913-0002



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
(Case No. 04-218 (400/148))

In the Application of:

McSwiggen et al.

Serial No.: 10/800,487

Filing Date: March 15, 2004

For: RNA Interference Mediated Inhibition of
Intercellular Adhesion Molecule (ICAM)
Gene Expression Using Short Interfering
Nucleic Acid (siNA)

Examiner: WOLLENBERGER, Louis V.

Group Art Unit: 1645

Confirmation No.: 9362

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

08/01/2006 HDESTA1 00000010 10800487

01 FC:1806

180.00 OP

Dear Sir:

Pursuant to 37 C.F.R. Section 1.97 - 1.99, the Applicant wishes to make the following references of record in the above-identified application. This Supplemental Information Disclosure Statement is in compliance with the continuing duty of candor as set forth in 37 C.F.R. Section 1.56. This application is a continuation-in-part of U.S. Patent Application No. 10/757,803, filed January 14, 2004, which is a continuation-in-part of U.S. Patent Application No. 10/720,448, filed November 24, 2003, which is a continuation-in-part of U.S. Patent Application No. 10/693,059, filed October 23, 2003, which is a continuation-in-part of U.S. Patent Application No. 10/444,853, filed May 23, 2003. This application is also a continuation-in-part of US Patent Application No. 10/427,160, filed April 30, 2003; and is relied upon for an earlier filing date under 35 U.S.C. § 120. In accordance with Rule 37 CFR §1.98(d), all references cited are also listed in the PTO/SB/08A form enclosed herewith.

The Office has amended the requirement under 37 CFR 1.98 (a)(2)(i) for submitting a copy of each cited U.S. patent and each U.S. patent application publication for all U.S. patent applications. See 69 Fed. Reg. 56481. In accordance with this amendment, cited U.S. patents and U.S. patent application publications are not enclosed.

Portions of the listed references may be material to the Examiner's consideration of the presently pending claims. This statement is not a representation that the listed references have effective dates early enough to be "prior art" within the meaning of 35 U.S.C. Section 102 or Section 103.

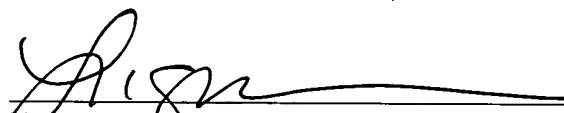
Applicants enclose the fee of \$180.00 pursuant to 37 C.F.R. 1.17(p) for this filing. The Commissioner is hereby authorized to charge or credit Deposit Account Number 13-2490 for any under- or over-payment of fees associated with the papers transmitted herewith, or to credit any overpayment of same.

Respectfully submitted,
McDonnell Boehnen Hulbert & Berghoff LLP

Date: 7/26/06

2006

By:


Lisa M.W. Hillman, Ph.D.
Reg. No. 43,673

McDonnell Boehnen Hulbert & Berghoff LLP
300 South Wacker Drive, 32nd Floor
Chicago, IL 60606
Telephone: 312-913-0001
Facsimile: 312-913-0002

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

JUL 31 2006

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Application No.	10/800487
Filing Date:	March 15, 2004
First Named Inventor	McSWIGGEN, James
Art Unit	1645
Examiner Name	WOLLENBERGER, Louis V.
Attorney Docket Number	04-218 (400.148)

Sheet 1 of 1

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	A	US-2004/0220129	11-2004	Reich et al.	
	B	US-2002/0151693	10-2002	Breaker et al.	

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
	1.	Caplen, "RNAi as a gene therapy approach," <i>Expert Opin. Biol. Ther.</i> , 3(4):575-586 (2003)	
	2.	Chiang et al., "Antisense Oligonucleotides Inhibit Intercellular Adhesion Molecule 1 Expression by Two Distinct Mechanisms," <i>J. Biol. Chem.</i> 27:18162-18171 (1991)	
	3.	Elbashir et al., "Functional Anatomy of siRNAs for Mediating Efficient RNAi in <i>Drosophila Melanogaster</i> Embryo Lysate," <i>The EMBO Journal</i> 20:6877-6888 (2001)	
	4.	Hammond et al. "Post-Transcriptional Gene Silencing by Double-Stranded RNA," <i>Nature</i> , Vol. 2, 110-119 (2001)	
	5.	Parrish, "Functional Anatomy of a dsRNA Trigger: Differential Requirement for the Two Trigger Strands in RNA Interference," <i>Molecular Cell</i> 6:1077-1087 (2000)	
	6.	Schmidt et al., "Base and sugar requirements for RNA cleavage of essential nucleoside residues in internal loop B of the hairpin ribozyme: implications for secondary structure," <i>Nucleic Acids Research</i> 24:573-581 (1996)	

Examiner
SignatureDate
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of U.S. Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.